

MoCSY[®]7 Broadband Coaxial Drop Cable Specifications AT677TS-BF1P



TRITON

1PreP[®]

**CORROSION
GUARD**

**COPPER
GUARD**

RoHS



MoCSY[®]7 75 Ohm Coaxial Drop Cable, Series 6, TRITON Tri-Shield, 77 % Braid, PE Jacket, Flooded, 1PreP[®] Bonded Outer Tape

General

Braid Coverage	77 %
Cable Type	Series 6
Packaging Type	Reel

Construction Materials

Jacket Material	PE				
Jacket Color	<table border="0"> <tr> <td> Black</td> <td>AT677TS-BF1P</td> </tr> <tr> <td> Orange</td> <td>AT677TS-BFO1P</td> </tr> </table>	 Black	AT677TS-BF1P	 Orange	AT677TS-BFO1P
 Black	AT677TS-BF1P				
 Orange	AT677TS-BFO1P				
Corrosion Protection	APFC (amorphous polypropylene flooding compound)				
Shield Materials	TRITON Bonded inner foil + 77 % aluminum braid + bonded 1PreP [®] outer foil				
Dielectric Material	Foam PE				
Inner Conductor	Copper-clad steel wire				

Dimensions

Cable Length	1000 ft	305 m
Diameter Over Jacket	0.275 in	6.99 mm
Jacket Wall Thickness	0.03 in	0.76 mm
Diameter Over Tape	0.186 in	4.72 mm
Diameter Over Dielectric	0.177 in	4.49 mm
Diameter Inner Conductor	0.0403 in	1.024 mm
Reel	Flange Diameter	12.0 in
	Hub Diameter	4 in
	Traverse Width	11.8 in
Total Weight	32 lbs	14.5 kg

Electrical Specifications

Operating Frequency Band	5 to 3000 MHz	
Impedance	75 Ohms	
Velocity	85 %	
DC Loop Resistance	32.4 Ohms / kft	106 Ohms / km
Dielectric Strength	1500 V	
Jacket Spark Test Voltage (rms)	2500 V	

Attenuation @ 68 °F (20 °C)

Freq. (MHz)	db / 100 ft	db / 100 m	Freq. (MHz)	db / 100 ft	db / 100 m
5	0.58	1.90	870	6.11	20.04
55	1.60	5.25	1000	6.55	21.49
211	3.05	10.00	1218	7.21	23.62
250	3.30	10.82	1300	7.53	24.67
270	3.37	11.04	1400	7.84	25.68
300	3.55	11.64	1500	8.13	26.63
330	3.74	12.26	1600	8.42	27.58
350	3.85	12.63	1700	8.70	28.50
400	4.15	13.61	1800	8.97	29.38
450	4.40	14.43	2000	9.50	31.12
500	4.66	15.29	2200	10.01	32.79
550	4.90	16.08	2500	10.73	35.15
600	5.10	16.73	2800	11.42	37.41
750	5.65	18.54	3000	11.86	38.85

Standards Conformance

Applicable	RoHS
	SCTE 74 2011

